

INDIRA GANDHI INSTITUTE OF TECHNOLOGY
SARANG, DHENKANAL

Ref. No. IGIT/START/01

Date: 17/07/2023

CIRCULAR

It is for the information of all the students who have registered at ISRO Nodal Center IGIT Sarang for ISRO START programme the training programme is scheduled to be held from 20th July to 7th Aug 2023.

The Tentative Schedule of the programme is attached for your reference.

For the other details please visit the following link: <https://jigyasa.iirs.gov.in/START>

The Venue of the online classes will be communicated shortly.


Co-ordinator (H.S. JASH)

ISRO START Programme
Nodal Center, IGIT Sarang

Copy to:

- 1) Institute notice board for information of students concerned.
- 2) All Deans/HODs/HOO for kind information and necessary action.
- 3) Prof. G. Ghosh, I/C Institute website for information and necessary action.
- 4) PA to Director for kind information of the Director.

**Govt. of India
Dept. of Space
Indian Space Research Organization (ISRO)**

Date: July 13, 2023

**Space Science Technology & Awareness Training (START) Programme - 2023
Tentative Schedule**

Session No.	Date	Time	Speaker	Topic
1	July 20, 2023, Thursday	11:30-12:30; Plus 20 minutes of interaction	Dr. Tirtha Pratim Das	"India's Space Exploration Endeavour: Context of ISRO's START programme
2	July 21, 2023, Friday	11:00 to 12:00 hours; Plus 20 minutes of interaction	Dr. Suresh Babu	Space observations of Geosphere - Biosphere – atmosphere interactions and climate
3		15:00 to 16:00 hours; Plus 20 minutes of interaction	Dr. P. K. Mohanty	Introduction to Cosmic Rays
4	July 24, 2023, Monday	11:00 to 13:00 hours; Plus 20 minutes of interaction	Dr. Tarun Kumar Pant	Earth's Ionosphere, Magnetosphere, Sun-Earth interaction and Space Weather
5		15:00 to 16:00 hours; Plus 20 minutes of interaction	Prof Archana Bhattacharya	Earth's magnetic field & Geospace
6	July 25, 2023, Tuesday	11:00 to 12:00 hours; Plus 20 minutes of interaction	Dr. R.P. Singh	Introduction to Remote Sensing of Earth and planetary bodies
7		15:00 to 16:00 hours; Plus 20 minutes of interaction	Mr. Sheeju Chandran	Rockets to access the Near-Earth Space: Sounding Rockets & Launch Vehicles

Session No.	Date	Time	Speaker	Topic
8	July 26, 2023, Wednesday	11:00 to 12:00 hours; Plus 20 minutes of interaction	Dr. S. A. Ilangoan	Chemistry in Space Technology
9		15:00 to 16:00 hours; Plus 20 minutes of interaction	Prof. Bhala Sivaraman	Chemistry in Space Science
10	July 27, 2023, Thursday	11:00 to 12:00 hours; Plus 20 minutes of interaction	Dr. K. Sankarasubramanian	The Sun
11		15:00 to 16:00 hours; Plus 20 minutes of interaction	Prof. Debabrata Banerjee	The Solar System: Formation, evolution and the present state
12	July 28, 2023, Friday	11:00 to 12:00 hours; Plus 20 minutes of interaction	Dr. Tirtha Pratim Das	Scientific Payload development for Solar System Exploration
13		15:00 to 16:00 hours; Plus 20 minutes of interaction	Prof. Varun Sheel	Planets in the Solar System
14	July 31, 2023, Monday	11:00 to 12:00 hours; Plus 20 minutes of interaction	Prof. Ramananda Chakrabarti	Origin and Evolution of the Moon
15		15:00 to 16:00 hours; Plus 20 minutes of interaction	Dr. Kinsuk Acharya	Minor Bodies in the Solar System – Asteroids, Comets and Meteors
16	August 01, 2023, Tuesday	11:00 to 12:00 hours; Plus 20 minutes of interaction	Dr. Ritu Karidhal	Mission Design for Space Exploration

Session No.	Date	Time	Speaker	Topic
17		15:00 to 16:00 hours; Plus 20 minutes of interaction	Dr. V. Girish	Observational Techniques for Space Science
18	August 02, 2023, Wednesday	11:00 to 13:00 hours; Plus 20 minutes of interaction	Dr. R. Niruj Mohan	Basics of Astronomy & Astrophysics
19	August 03, 2023, Thursday	11:00 to 12:00 hours; Plus 20 minutes of interaction	Dr. Aravind Singh Rajpurohit,	Exoplanets and Earth-like Exoplanets
20		15:00 to 16:00 hours; Plus 20 minutes of interaction	Prof. Sudha Rajamani	Introduction to Astrobiology and Search of Life Beyond Earth
21	August 04, 2023, Friday	11:00 to 12:00 hours; Plus 20 minutes of interaction	Dr. K. Praveen Kumar	Research Opportunities in Space Science and Technologies
22		15:00 to 16:00 hours; Plus 20 minutes of interaction	Prof: Tarun Sauradeep	Introduction to Cosmology
23	August 07, 2023 Monday	14:00 to 15:00 hours;	Concluding Session	